



FOSECO, INC.

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March 23, 1983

Mr. Hiram Patterson, Permit Section
Illinois Environmental Protection Agency
Division of Air Pollution Control
2200 Churchill Street
Springfield, IL 62706

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IEPA - DAPC - SPFLD

Dear Mr. Patterson:

Application No. 83020011
I. D. No. 031600EFR

Thank you for your assistance and guidance during our telephone conversation of March 16. As we discussed, initial calculations of hourly throughput did not take into account the weight of the dryer trays placed under the Impad boards on the oven conveyor.

The maximum weight that the oven conveyor can support is 6700 pounds. Impad boards require about an hour and a half for curing and an additional thirty minutes for cooling on the oven conveyor. Therefore, maximum hourly throughput of product and trays would be approximately half of 6700 pounds or 3350 pounds, of which, the dryer tray weight accounts for 38%.

The present Impad recipe calls for 2.95% isopropyl alcohol, which at maximum production would equal 62 pounds/hour. Assuming 100% evaporation of the alcohol and maximum production, alcohol emissions would be 62 tons/year.

In addition, pilot testing of Impad recipes with reduced alcohol content are presently being conducted and trials of recipes with less than 1.5% isopropyl alcohol have met with some success. Full production with one of these alcohol-reduced recipes will be under way in the near future.

In view of the much reduced hourly usage of isopropyl alcohol and impending use of an alcohol-reduced Impad recipe, we are confident that the Impad System will not have organic material emissions equal to or greater than 100 tons/year and should not be considered as a major source.

EPA Region 5 Records Ctr.



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Enclosed please find three pages of revised material throughput and emissions calculations. These are numbered 7A, 15A and 19A which correspond to and replace pages 7, 15 and 19, respectively, of the original Impad permit application. All other information and specifications remain unchanged.

Your cooperation in this matter is greatly appreciated.

Sincerely,



Ruth C. Niesen
Environmental Coordinator
Corporate Engineering

RCN/jk

Enclosure